AMENDMENTS TO THE CLAIMS

1. (Currently amended): A method in a data processing system including a server computer system coupled to a plurality of heterogeneous client computer systems via a network for automatically installing a device driver on said plurality of heterogeneous client computer systems, wherein each of said heterogeneous client computer systems executes a different one of a plurality of operating systems, said method comprising the steps of:

selecting a device driver to be installed;

specifying said plurality of heterogeneous client computer systems to receive said device driver;

storing a plurality of different versions of said device driver in said server computer system, wherein each one of said plurality of different versions is executable by only a different one of said plurality of operating systems;

gathering, by said server computer system, a network address of each one of said plurality of client computer systems;

determining, by said server computer system, one of said plurality of operating systems being executed by each one of said plurality of client computer systems;

~~copying one of said plurality of different versions of said device driver to one of said plurality of client computer systems which is executing one of said plurality of different operating systems, wherein said one of said plurality of different versions of said device driver is executable by said one of said plurality of different operating systems; and~~

~~said server computer system causing said one of said plurality of client computer systems to install said one of said plurality of different versions of said device driver;~~

~~further comprising the step of~~ creating, in said server computer system, a file including a plurality of entries, each one of said plurality of entries specifying a different one of said plurality of client computer systems, one of said plurality of different operating systems determined for said one of said plurality of client computer systems, and said [[a]] network address determined for [[of]] said one of said plurality of client computer systems; and

~~further comprising the step of~~ distributing, by said server computer system, said plurality of versions of said device driver to said plurality of client computer systems utilizing said file [[.]] by:

getting an entry from said file;

creating an install directory on said one of said plurality of client computer systems that is specified in said entry;

determining an operating system listed in said entry;

selecting one of said plurality of different versions of said device driver that is executable by said determined one of said plurality of different operating systems;

executing a remote copy command to copy said selected one of said plurality of different versions of said device driver to said install directory created on said one of said plurality of client computer systems that is specified by said entry, said remote copy command utilizing said network address that is specified in said entry;

causing, by said server computer system, said one of said plurality of client computer systems that is specified by said entry to execute an install command to install said selected one of said plurality of different versions of said device driver;

repeating said step of distributing said plurality of versions for each one of said plurality of entries of said file.

2.   (Canceled)

3.   (Canceled)

4.   (Previously presented): The method according to claim 1, wherein the step of distributing said plurality of versions of said device driver further comprises the steps of:

getting a first entry from said file utilizing said server computer system;

determining a first one of said plurality of operating systems included in said first entry utilizing said server computer system;

determining a network address for a first one of said plurality of client computer systems included in said first entry utilizing said server computer system;

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retrieving a first one of said plurality of different versions of said device driver utilizing said server computer system, wherein said first one of said plurality of different versions of said device driver is executable by said first one of said plurality of operating systems; and

copying said first one of said plurality of different versions of said device driver to said first one of said plurality of client computer systems at said network address utilizing said server computer system.

5. (Original): The method according to claim 4, further comprising the steps of:
said server computer system determining a directory location within said one of said plurality of client computer systems to which to copy said one of said plurality of different versions; and

storing said one of said plurality of different versions of said device driver in said directory location within said one of said plurality of client computer systems.

6. (Original): The method according to claim 5, further comprising the step of said server computer system causing said one of said plurality of client computer systems to execute an installation command to install said one of said plurality of different versions of said device driver.

7. (Original): The method according to claim 6, further comprising the steps of:
getting a second entry from said file utilizing said server computer system;
determining a second one of said plurality of operating systems included in said second entry utilizing said server computer system;
determining a network address for a second one of said plurality of client computer systems included in said second entry utilizing said server computer system;
retrieving a second one of said plurality of different versions of said device driver utilizing said server computer system, wherein said second one of said plurality of different versions of said device driver is executable by said second one of said plurality of operating systems; and

copying said second one of said plurality of different versions of said device driver to said second one of said plurality of client computer systems at said network address utilizing said server computer system.

8. (Currently amended): A data processing system including a server computer system coupled to a plurality of heterogeneous client computer systems via a network for automatically installing a device driver on said plurality of heterogeneous client computer systems, wherein each of said heterogeneous client computer systems executes a different one of a plurality of operating systems, comprising:

means for selecting a device driver to be installed;

means for specifying said plurality of heterogeneous client computer systems to receive said device driver;

means for storing a plurality of different versions of said device driver in said server computer system, wherein each one of said plurality of different versions is executable by only a different one of said plurality of operating systems;

said server computer system for gathering a network address of each one of said plurality of client computer systems;

said server computer system for determining one of said plurality of operating systems being executed by each one of said plurality of client computer systems;

~~means for copying one of said plurality of different versions of said device driver to one of said plurality of client computer systems which is executing one of said plurality of different operating systems, wherein said one of said plurality of different versions of said device driver is executable by said one of said plurality of different operating systems; and~~

~~means for said server computer system causing said one of said plurality of client computer systems to install said one of said plurality of different versions of said device driver; and~~

~~further comprising means~~ said server computer system for creating a file including a plurality of entries, each one of said plurality of entries specifying a different one of said plurality of client computer systems, one of said plurality of different operating systems determined for said one of said plurality of client computer systems,

and said [[a]] network address determined for [[of]] said one of said plurality of client computer systems; and

~~further comprising means~~ said server computer system for distributing said plurality of versions of said device driver to said plurality of client computer systems utilizing said file[[.]] by:

said server computer system getting an entry from said file;

said server computer system creating an install directory on said one of said plurality of client computer systems that is specified in said entry;

said server computer system determining an operating system listed in said entry;

said server computer system selecting one of said plurality of different versions of said device driver that is executable by said determined one of said plurality of different operating systems;

said server computer system executing a remote copy command to copy said selected one of said plurality of different versions of said device driver to said install directory created on said one of said plurality of client computer systems that is specified by said entry, said remote copy command utilizing said network address that is specified in said entry;

said server computer system causing said one of said plurality of client computer systems that is specified by said entry to execute an install command to install said selected one of said plurality of different versions of said device driver;

means for repeating said distributing of said plurality of versions for each one of said plurality of entries of said file.

9. (Canceled)

10. (Canceled)

11. (Previously presented): The system according to claim 8, wherein said means for distributing said plurality of versions of said device driver further comprises:

means for getting a first entry from said file utilizing said server computer system;

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means for determining a first one of said plurality of operating systems included in said first entry utilizing said server computer system;

means for determining a network address for a first one of said plurality of client computer systems included in said first entry utilizing said server computer system;

means for retrieving a first one of said plurality of different versions of said device driver utilizing said server computer system, wherein said first one of said plurality of different versions of said device driver is executable by said first one of said plurality of operating systems; and

means for copying said first one of said plurality of different versions of said device driver to said first one of said plurality of client computer systems at said network address utilizing said server computer system.

12.   (Original): The system according to claim 11, further comprising:

means for said server computer system determining a directory location within said one of said plurality of client computer systems to which to copy said one of said plurality of different versions; and

means for storing said one of said plurality of different versions of said device driver in said directory location within said one of said plurality of client computer systems.

13.   (Original): The system according to claim 12, further comprising means for said server computer system causing said one of said plurality of client computer systems to execute an installation command to install said one of said plurality of different versions of said device driver.

14.   (Original): The system according to claim 13, further comprising:

means for getting a second entry from said file utilizing said server computer system;

means for determining a second one of said plurality of operating systems included in said second entry utilizing said server computer system;

means for determining a network address for a second one of said plurality of client computer systems included in said second entry utilizing said server computer system;

means for retrieving a second one of said plurality of different versions of said device driver utilizing said server computer system, wherein said second one of said plurality of different versions of said device driver is executable by said second one of said plurality of operating systems; and

means for copying said second one of said plurality of different versions of said device driver to said second one of said plurality of client computer systems at said network address utilizing said server computer system.

15. (Currently amended): A computer readable media including a server computer system coupled to a plurality of heterogeneous client computer systems via a network for automatically installing a device driver on said plurality of heterogeneous client computer systems, wherein each of said heterogeneous client computer systems executes a different one of a plurality of operating systems, said computer readable media comprising:

instructions for selecting a device driver to be installed;

instruction means for specifying said plurality of heterogeneous client computer systems to receive said device driver;

instruction means for storing a plurality of different versions of said device driver in said server computer system, wherein each one of said plurality of different versions is executable by only a different one of said plurality of operating systems;

instructions for gathering, by said server computer system, a network address of each one of said plurality of client computer systems;

instructions for determining, by said server computer system, one of said plurality of operating systems being executed by each one of said plurality of client computer systems;

instruction means for copying one of said plurality of different versions of said device driver to one of said plurality of client computer systems which is executing one of said plurality of different operating systems, wherein said one of said plurality of

~~different versions of said device driver is executable by said one of said plurality of different operating systems; and~~

~~instruction means for said server computer system causing said one of said plurality of client computer systems to install said one of said plurality of different versions of said device driver; and~~

~~further comprising~~ instruction means for creating a file including a plurality of entries, each one of said plurality of entries specifying a different one of said plurality of client computer systems, one of said plurality of different operating systems <u>determined for said one of said plurality of client computer systems</u>, and <u>said</u> [[a]] network address <u>determined for</u> [[of]] said one of said plurality of client computer systems; and

~~further comprising~~ instruction means for distributing said plurality of versions of said device driver to said plurality of client computer systems utilizing said file [[.]] <u>by:</u>

<u>instructions for setting an entry from said file;</u>

<u>instructions for creating an install directory on said one of said plurality of client computer systems that is specified in said entry;</u>

<u>instructions for determining an operating system listed in said entry;</u>

<u>instructions for selecting one of said plurality of different versions of said device driver that is executable by said determined one of said plurality of different operating systems;</u>

<u>instructions for executing a remote copy command to copy said selected one of said plurality of different versions of said device driver to said install directory created on said one of said plurality of client computer systems that is specified by said entry, said remote copy command utilizing said network address that is specified in said entry;</u>

<u>instructions for causing, by said server computer system, said one of said plurality of client computer systems that is specified by said entry to execute an install command to install said selected one of said plurality of different versions of said device driver;</u>

<u>instructions for repeating said instructions for distributing said plurality of versions for each one of said plurality of entries of said file.</u>

16. (Canceled)

17. (Canceled)

18. (Previously presented): The computer readable media according to claim 15, wherein said instruction means for distributing said plurality of versions of said device driver further comprises:

instruction means for getting a first entry from said file utilizing said server computer system;

instruction means for determining a first one of said plurality of operating systems included in said first entry utilizing said server computer system;

instruction means for determining a network address for a first one of said plurality of client computer systems included in said first entry utilizing said server computer system;

instruction means for retrieving a first one of said plurality of different versions of said device driver utilizing said server computer system, wherein said first one of said plurality of different versions of said device driver is executable by said first one of said plurality of operating systems; and

instruction means for copying said first one of said plurality of different versions of said device driver to said first one of said plurality of client computer systems at said network address utilizing said server computer system.

19. (Original): The computer readable media according to claim 18, further comprising:

instruction means for said server computer system determining a directory location within said one of said plurality of client computer systems to which to copy said one of said plurality of different versions; and

instruction means for storing said one of said plurality of different versions of said device driver in said directory location within said one of said plurality of client computer systems.

20. (Original): The computer readable media according to claim 19, further comprising instruction means for said server computer system causing said one of said

plurality of client computer systems to execute an installation command to install said one of said plurality of different versions of said device driver.

21.   (Original): The computer readable media according to claim 20, further comprising:

instruction means for getting a second entry from said file utilizing said server computer system;

instruction means for determining a second one of said plurality of operating systems included in said second entry utilizing said server computer system;

instruction means for determining a network address for a second one of said plurality of client computer systems included in said second entry utilizing said server computer system;

instruction means for retrieving a second one of said plurality of different versions of said device driver utilizing said server computer system, wherein said second one of said plurality of different versions of said device driver is executable by said second one of said plurality of operating systems; and

instruction means for copying said second one of said plurality of different versions of said device driver to said second one of said plurality of client computer systems at said network address utilizing said server computer system.